Product designation		Safety switches with solenoid
Product type designation		KEN1
General characteristics		
Material		
	Housing	Polymer thermoplastic
Contact characteristics		
Type of contact		1NC (Key), 2NC+1NO (Solenoid)
Thermal current Ith	A	10
IEC/EN 60947-5-1 designation		A300 Q300
Rated insulation voltage Ui	V	250
Rated impulse withstand voltage Uimp	kV	2.5
Short-circuit protection with fuse	Class/A	10 gG
IEC Conventional free air thermal current Ith	A	10
Mechanical features		
Operating head fixing		Screwed
Operating torque		
	N	15 (actuator insertion), 30 (Release actuator extraction), 1200 (locked actuator holding)

Tightening torque (Max)				
	Switch fixing			
			Nm	2.5
	Contact terminals			
			Nm	0.8
	Body lid screw fixing			
			Nm	0.8
Conductor section				
	IEC			
		min	mm²	1 or 2
		max	mm²	1.5

Cable connection		Self-releasing screw terminal
Cable entry		3 x M20
Weight	g	440
Operations		
Mechanical life	cycles	1000000
B10d	cycles	4000000
Mechanical operation	cycles/h	600
Ambient conditions		

Temperature

Operating temperature			
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70

Resistance & Protection

IP degree

	Terminals	IP20
	Body housing	IP65

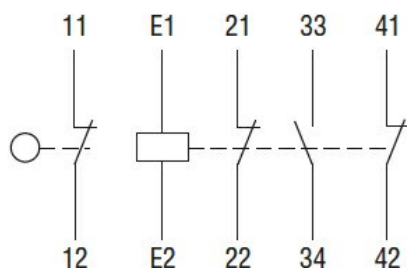|	
Pollution degree	3

Dimensions
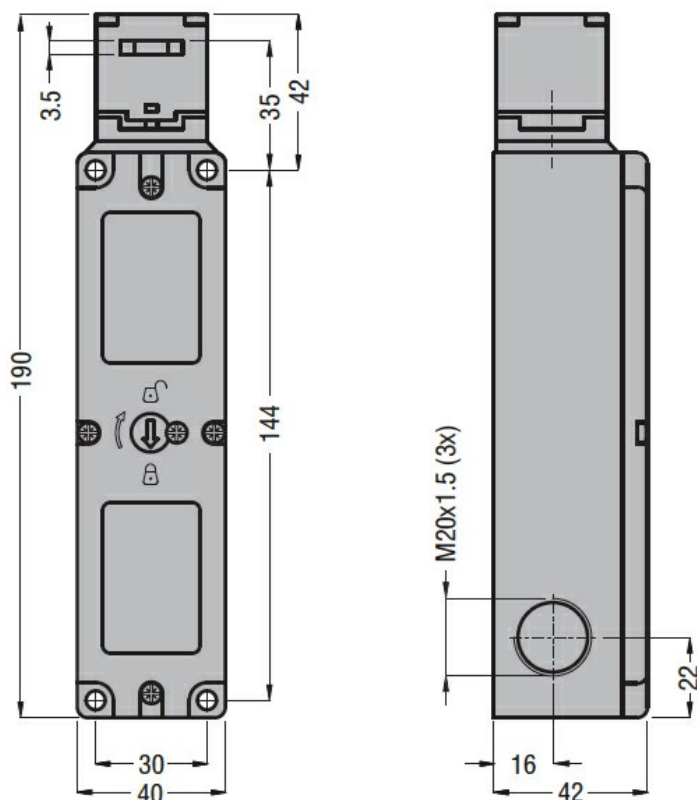
Wiring diagrams

Certifications and compliance

Compliance

CSA C22.2 n°14

IEC/EN 60204

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

UNI EN ISO 14119

SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NC. SOLENOID CONTACTS 2NC+1NO. SOLENOID SUPPLY 230VAC/DC

Certificates

cULus	
EAC	

ETIM classification

ETIM 8.0	EC000030 - End switch

KEN1M1230F

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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